Staritskiy, V.

LOMAZOVA, D., inzhener; STARITSKIY, V., inzhener.

Suggestions of efficiency experts of the Voroshilovgrad Coal Combine. Mast.ugl.3 no.10:17-19 O '54. (MLRA 7:12)
(Voroshilovgrad--Coal mines and mining)

STARITSKIY, V.G.

Calculating the interaction of the lattices of the runner and the directing apparatus in axial-flow hydraulic machines. Trudy LPI no.187:27-35 '56. (MIRA 13:6)
(Hydraulic turbines)

STARITSKIY, V.A.

Irregularities in the parameters of a flow near the directional device of axial pumps. Trudy LPI no.193:51-59 '58.
(MIRA 12:2)

(Pumping machinery)

8(6), 14(10) SOV/112-59-4-6672

Translation from: Referativnyy zhurnal. Elektrotekhnika, 1959, Nr 4, p 41 (USSR)

AUTHOR: Staritskiy, V. G.

TITLE: Error in Measuring the Velocity of a Transient Stream

PERIODICAL: Tr. Leningr. politekh. in-ta, 1958, Nr 193, pp 60-65

ABSTRACT: Bibliographic entry.

Card 1/1

STARIKHIY, V.S.

[illegible] closed-cycle turbine unit. Trudy (MIRA 14:11)
[illegible]
(Steam turbines)

STARITSKIY, V.G.; BUSYREV, A.I.

Methods for studying cavitation erosion using hydraulic turbine models. Trudy LPI no.246:69-72 '65. (MIRA 18:6)

L 08105-67 EWT(k)/EWT(d)/EWT(m)/T-2/EWP(w)/EWA(f)/EWP(v) IJP(c) EM/EDM

ACC NR: AP6027558 SOURCE CODE: UR/0143/66/000/005/0105/0109

AUTHOR: Staritskiy, V. G. (Candidate of technical sciences); Chechel', N. S. (Candidate of technical sciences)

ORG: Leningrad Polytechnic Institute im. M. I. Kalinin (Leningradskiy politekhnicheskiy institut)

TITLE: A method of reducing energy losses connected with secondary flows in the vane systems of axial turbines

SOURCE: IVUZ. Energetika, no. 5, 1966, 105-109

TOPIC TAGS: axial flow turbine, turbine design

ABSTRACT: The article starts with a consideration of the reasons for the appearance of secondary losses. These arise: a) in the case of a fixed grid as a result of the pressure difference between the convex and concave sides of neighboring vanes in the grid; b) in the case of a rotating grid, in addition to the above pressure forces, a centrifugal force is set up in the boundary layer; c) with the presence of sleeves of peripheral gaps, overflow of liquid occurs through the gap as a result of the pressure difference on the two sides of the gap. The article passes on to a consideration of ways to prevent these losses,

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UDC: 621.224.15:532.501.312

L 04065-67
ACC NR: AP6027558

including the use of finned vanes. It concludes with the following general recommendations: 1) the fins should be located approximately along the line of flow; 2) the angle between the fin and the vane should be close to a right angle; 3) it is more advantageous to place the fins on the convex side of the vane; however, they can also be installed on the concave side or on both sides; 4) the fins should be installed at some distance from the end of the vane; 5) the height of the fin may be varied along the length of the vane; 6) the number of fins on one side of a vane must be determined experimentally. It is to be expected, however, that the optimum number will not exceed two. Orig. art. has: 3 figures.

SUB CODE: 13/ SUBM DATE: 27Sep65/ ORIG REF: 017/ OTH REF: 008

kb

Card 2/2

STARITSKIY, Valentin Ivanovich, inzh.; TARABAN, Saveliy Gavrilovich, inzh.; KABELYANSKIY, G.V., red.; TARSHIS, D.M., red. izd-va; ISLENT'YEVA, P.G., tekhn. red.

[Use of gas fuel and gas fuel equipment on iron and steel plants]Ekspluatatsiia gazovogo khoziaistva metallurgicheskikh zavodov. Moskva, Metallurgizdat, 1962. 312 p. (MIRA 15:11)

(Iron and steel plants—Equipment and supplies)
(Gas as fuel)

STARITSKIY, V.I.

Using end packing in pipeline 14N12x2 centrifugal pumps. Mash. i neft. obor. no.8:20-22 '65. (MIRA 18:9)

1. Omskaya perevalochnaya neftebaza.

STARITSKIY, V.K.

New technology in tank farms. Neftianik 2 no.4:27 Ap '57. (MLRA 10:5)

1. Glavnyy inzhener neftebazy Glavneftesbyta.
(Petroleum--Storage)

STARITSKIY, YE. G.

15-57-7-9862

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 7, pp 162-163 (USSR)

AUTHOR: Staritskiy, Ye. G.

TITLE: Aerial Photography in Prospecting for Ore Deposits (Aerometody poiskov i razvedki rudnykh mestorozhdeniy)

PERIODICAL: Tr. Labor. aerometodov. AN SSSR, 1956, Vol 5, pp 127-138

ABSTRACT: (Note: A study of this article shows it to be based entirely on well known American material. Hence translation of the long abstract has been omitted.)

Card 1/1

STARITSKIY, Yu. G.

Native mercury in mineral ore muds (ullcks). R. V. Smirnov and Yu. G. Staritskii (Mineral Ore Inst., Krivoi Rog, Ukraine). *Zapiski Vsesoyuz. Mineralog. Obshchestva* (Mém. soc. russe minéral.) 83, 158(1954).—In ore slicks from a Central-Asia placer occurrence, small droplets of native Hg were observed. The metal has been evidently reduced from cinnabar which is interspersed in the ores, and occurs in the typical oxidation zones of the deposit. Such an occurrence of Hg is relatively rare. The metal passes through the intense electromagnetic fields of the ore separators of the Krivoi Rog metallurgical plants, without any change. W. Bitel

STARITSKIY, Yu.G.

Definition of concepts "structure" and "texture." Zap.Vses.min.ob-va 83 no.3:275-278 '54. (MLRA 7:11)
(Geology--Terminology)

STARITSKIY, Yu. G.

USSR/ Scientific Organization - Conferences

Card 1/1 Pub. 45 - 18/18

Authors : Staritskiy, Yu. G.

Title : Conference on the problems of registering and preserving the products of aerial photography

Periodical : Izv. AN SSSR. Ser. geog. 1, page 111, Jan-Feb 1955

Abstract : A conference was held from the 16th to the 18th of November by Geographic Institute of the Academy of Sciences of the USSR in which ways and means for registering and preserving the products of aerial photography were discussed. A committee representing various scientific bodies was appointed.

Institution : .....

Submitted : .....

STARITSKIY, Yu.G.

C.J. Sullivan's views regarding the origin of ores ("Metallic melting points and ore deposition." Reviewed by IU.G. Staritskii). Inform.sbor.VSEGEI no.2:61-67 '55. (MLRA 9:11)
(Ore deposits) (Sullivan, C.J.)

STARITSKIY, Yu.G.

Survey of articles devoted to aerogeology in the journal "Photogrammetric Engineering" for 1948-1953. Trudy Lab.aerometr. 4:129-132 '55. (Aeronautics in geology) (MLRA 9:2)

STARITSKIY, Yu.G.

Using helicopters in geological explorations. Trudy Lab.aerometh.
4:152-155 '55. (MLRA 9:2)
(Aeronautics in geology)

STARITSKIY, Yu. G.

USSR/ Geology - Ores

Card 1/1 Pub. 22 - 47/62

Authors : Staritskiy, Yu. G.

Title : About the genetic position of the Krivoyrog rich iron-ores

Periodical : Dok. AN SSSR 102/3, 599 - 600, May 21, 1955

Abstract : Various concepts are presented regarding the genesis of the rich iron-ore deposits of the Krivoyrog region in the USSR. Eleven USSR references (1946-1954).

Institution : Acad. of Sc., USSR, Lab. of Aeromethods

Presented by: Academician N. M. Strakhov, January 13, 1955

STARITSKIY, Yu.G.

Development of the Promyslovoye anticline. Dokl. AN SSSR 105 no.4:803-804 D '55. (MLRA 9:3)

1. Laboratoriya aerometodov Akademii nauk SSSR. Predstavleno akademikom N.S. Shatskim.
(Astrakhan Province--Geology, Stratigraphic)

STARITSKIY, Yu.G.

Aerial methods of prospecting for ore deposits. Trudy Lab.aerometod. 5:127-138 '56. (MLRA 10:1)
(Prospecting) (Aeronautics in geology)

STARITSKIY, Vl. G.

3(5) PHASE I BOOK EXPLOITATION SOV/1886

Ob"yedinennaya nauchnaya sessiya po metallogenicheskim i prognoznym kartam, Alma-Ata, 1958.

Materialy nauchnoy sessii po metallogenicheskim i prognoznym kartam; doklady. (Materials Presented at the Scientific Session on Metallogenetic and Postulated Ore Occurrence Maps; Reports) Alma-Ata, Izd-vo AN Kazakhskoy SSR, 1958. 318 p. Errata slip inserted. 3,850 copies printed.

Ed.: A.S. Pogozhev; Tech. Ed.: P.F. Alferova.

Sponsoring Agencies: (1) Akademiya nauk SSSR, (2) Akademiya nauk Kazakhskoy SSR, Alma-Ata, (3) USSR. Ministerstvo geologii i okhrany nedr, (4) Kazakh SSR. Ministerstvo geologii i okhrany nedr.

PURPOSE: This book is intended for exploration geologists, mining engineers, and cartographers.

Card 1/6

Materials Presented (Cont.) SOV/1886

COVERAGE: This collection of reports was presented at the United Scientific Session on Metallogeny and Postulated Ore Occurrence Maps convoked by the Academy of Sciences in Alma-Ata, December, 1958. The reports deal with various aspects of compiling metallogenetic and ore occurrence maps as well as the methodology and techniques of correlating geophysical exploration data. These reports deal only with non-ferrous metals. Three other reports delivered at the conference but not included in this work were read by Ye.Ye. Zakharov, N.S. Shatskiy, and Yu.K. Goretskiy. References accompany each article.

TABLE OF CONTENTS:

Card 2/6

Materials Presented (Cont.) SOV/1886

Card 3/6

AVAILABLE: Library of Congress

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6-18-59

3(5) PHASE I BOOK EXPLOITATION SOV/1923

Akademiya nauk SSSR. Otdeleniye geologo-geograficheskikh nauk. Komissiya po probleme "Zakonomernosti razmeshcheniya poleznykh iskopayemykh."

Zakonomernosti razmeshcheniya poleznykh iskopayemykh (Regularities in the Distribution of Mineral Deposits Vol 1. Moscow, Izd-vo AN SSSR, 1958. 532 p. Errata slip inserted. 2,500 copies printed.

Resp. Ed.: N.S. Shatskiy, Academician; Editorial Board: N.S. Shatskiy, Academician, D.I. Shcherbakov, Academician, N.A. Belyayevskiy, N.N. Dolgopolov, O.D. Levitskiy, Yu.N. Pushcharovskiy, G.A. Sokolov; Ed. of Publishing House: G.I. Nosov; Tech. Ed.: I.N. Guseva

PURPOSE: This book is intended for geologists and petrographers, particularly those interested in the worldwide distribution of minerals and the reasons underlying their occurrence.

COVERAGE: On the basis of particular regional studies this book attempts to establish the rules governing the distribution of metallic and non-metallic ore deposits. The work includes articles on the metallogeny of individual minerals, on broad methodological problems, and on the possibility of predicting the occurrence of a mineral in the USSR on the basis of its occurrence throughout the world. Six maps depicting the distribution of a particular mineral throughout the world are included with the work. References accompany each article.

TABLE OF CONTENTS

STARITSKIY, Yu.G.

Magmatic formations and metallogeny of platforms. Zakonom. razm. polezn. iskop. 1:252-274 '58. (MIRA 12:3)

1.Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut Ministerstva geologii i okhrany nedr SSSR.
(Geology)

STARITSKIY, Yu.G.

Endogenetic mineral resources in the western part of the Siberian Platform. Sov.geol. 2 no.1:62-77 Ja '59. (MIRA 12:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut.
(Siberian Platform--Ore deposits)

STARITSKIY, Yu.G.

Two types of nickel-copper sulfide deposits. Mat.VSEGEI Ob.ser. no.23:158-163 '59. (MIRA 14:11)
(Sulfides) (Copper) (Nickel)

STARITSKIY, Yu.G., nauchnyy red.; DRAGUNOV, V.I., red.; STARITSKIY, Yu.G., red.; KAMOLOVA, V.M., tekhn.red.

[Materials on the geology and minerals of the Siberian Platform] Materialy po geologii i poleznym iskopaemym Sibirskoi platformy. Leningrad, Otdel nauchno-tekhn. informatsii, 1960. 142 p. (Leningrad. Vsesoiuznyi geologicheskii institut. Materialy, no.44) (MIRA 14:7)

(Siberian Platform--Minerals) (Siberian Platform--Geology)

STARITSKIY, Yu.G.; DRAGUNOV, V.I.; TUGANOVA, Ye.V.

Nickel potential of the northwestern Siberian Platform. Mat. VSEGEI no.31:37-44 '60. (MIRA 14:3)
(Siberian Platform--Nickel)

MASAYTIS, V.L.; STARITSKIY, Yu.G.

Special type of structures in the eastern part of Asia; Diwa, the third principal structural element of the continental crust. Trudy VSEGEI 85:63-89 '63. (MIRA 16:11)

STARITSKIY, Yu.G.; TUGANOVA, Ye.V.

Genetic types of copper-nickel ores in the Siberian Platform. Geol. rud. mestorozh. 7 no.1:37-44 Ja-F '65. (MIRA 18:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut, Leningrad.

STARITSKIY, Yu.G.

Native iron and copper from the Kureyka River. Zap.Vses.min. ob-va 94 no.5:580-582 '65.

(MIRA 18:11)

1. Deystvitel'nyy chlen Vsesoyuznogo mineralogicheskogo obshchestva.

[illegible], I.S.

Principles and methods for compiling generalized metallogenetic platform maps. Sov.geol. 8 no.10:3-19 O '65.
(MIRA 18:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut.

BOYTSOVA, I.N.; STARITSKIY, Yu.G.

Relief of the basement of the Siberian Platform. Sov.geol. 8 no.10:94-96 O '65. (MIRA 18:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut.

STARITSYN, A.P., inzh., red.; MULLER, R.A., kand. tekhn. nauk, red.; YUSHIN, A.I., red.

[Instructions for designing buildings and structures on areas undercut by mining] Ukazaniia po proektirovaniiu zdanii i sooruzhenii na podrabatyvaemykh territoriiakh (SN 289-64). Izd. ofitsial'noe. Moskva, Stroiizdat, 1965. 81 p. (MIRA 18:6)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po delam stroitel'stva. 2. Gosstroy SSSR (for Staritsyn). 3. Vsesoyuznyy nauchno-issledovatel'skiy institut gornoy geomekhaniki i markscheyderskogo dela (for Muller). 4. Nauchno-issledovatel'skiy institut osnovaniy i podzemnykh sooruzheniy Gosstroya SSSR (for Yushin).

STARITSYN, A.P.

Instructions for designing buildings and structures on areas undercut by mining construction specifications 289-64. Osn., fund. i mekh. grun. 7 no.5:32 '65. (MIRA 18:10)

STARITSYN, A.P., inzh.

More about beams used in reinforcing vertical mine shafts.
Shakht. stroi. 9 no.8:26-27 Ag '65. (MIRA 18:8)

1. Gosstroy SSSR.

STARITSYN, A.P., inzh.

Design and construction of underground storage tanks for petroleum products and liquefied gases. Shakht.stroi. 9 no.11:31-32 N '65. (MIRA 19:1)

1. Gosstroy SSSR.

STARITSYN, A. S.

"Clinical-Experimental Data Obtained by Treating Psychiatric Patients With Electric Shock (The Problem of the Utilization of So-Called 'Active Therapy' in Psychiatric Hospitals)." Cand Med Sci, First Leningrad Medical Inst imeni Academician I. P. Pavlov, Leningrad, 1955. (KL, No 13, Mar 55)

SO: Sum. No. 670, 29 Sep 55--Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (15)

STARITSYN, A.S.; MOSKOVCHENKO, K.P.

Changes in the higher nervous activity and tone of the cerebral vessesl in patients with schizophrenia. Zhur.vys. nerv. deiat. 11 no.2:237-244 Mr-Ap '61. (MIRA 14:6)

1. Chair of Psychiatry and Chair of Ophthalmic Diseases, Crimean Medical Institute.
(SCHIZOPHRENIA) (NERVOUS SYSTEM)
(BRAIN—BLOOD SUPPLY)

STARITSYN, A.S.

Characteristics of vascular conditioned and unconditioned reflexes in schizophrenia patients in various stages of development of the disease. Zhur. vys. nerv. deiat. 12 no.4:593-601 Jl-Ag '62. (MIRA 17:11)

1. Otdel psikhiatrii Odesskogo nauchno-issledovatel'skogo psikhonevrologicheskogo instituta.

STARITSYN, F.V.

Two different age complexes of volcanic rocks in the Argun Valley (eastern Transbaikalia). Geol. i geofiz. no.2:41-48 '65. (MIRA 18:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut, Leningrad.

USSR/Communications
Telephone - Apparatus
Telephone Lines

"New Three-Channel High-Frequency Telephone Equipment for Strug-Wire Communications," V. N. Amarantov, G. V. Staritsyn, Engineers, 3 pp

"Vest Svyazi - Elektrosvyaz'" Vol VIII, No 11

Subject apparatus uses frequency spectra 6.3-26.7 ko. Intended to work in conjunction with nonferrous strung lines. Terminal and intermediate stations designed to cover (perekrytiye) booster-section attenuation of 5.5 neper at highest transmitting frequency. Length of booster section between terminal and intermediate stations may be 400-450 km. Total range is 10,000 km. Will function with 15-mm ice layer on wires. Gives basic technical data and details of terminal station. (Concluded in next issue.)

PA 21/49T19

STARITSYN, Georgiy Vasil'yevich.

Sci. Assoc., a sci. res. inst., -c1950-. Engr., State Union Production Exptl. Inst. No. 56, -1943-. Stalin 1st Prize, 1942, communications apparatus; Stalin 3rd Prize, 1949, communications equipment.

STARITSYN, G. V.

"Photoelectric Equipment for Star Transit Recording," by V. E. Brandt, Tr. Tsentr. n.-i in-ta geod., aeros"emki i Kartogr., No 112, 1956, pp 23-110 (from Referativnyy Zhurnal -- Astronomiya, Geodeziya, No 3, Mar 57, Abstract No 1903 by G. V. Staritsyn)

Some problems of photometry and optics are outlined. The response of the photoelectric equipment is determined by the signal-to-noise ratio at the output of the amplifier of the photoelectric equipment. This ratio should not be below 10. The sources of noise and their elimination are discussed.

The TsNIIGAiK photoelectric equipment is described. It consists of a photoelectric attachment, a direct current amplifier with carrier frequency, and a photochronograph. A photoelectric attachment with an FEU-17 photomultiplier was prepared for the transit instrument Askania-Werke No 100304. (U)

Sum. 1360

68564

SOV/35-59-11-8790

3.1510

Translation from: Referativnyy zhurnal, Astronomiya i Geodeziya, 1959, Nr 11, p 15, (USSR)

AUTHOR: Staritsyn, G.V.

TITLE: The Systematic Errors With a 24-Hour Period During Observations With Photoelectric Transit Instruments

PERIODICAL: Izv. Gl. astron. observ. in Pulkovo, 1958, V 21, Nr 2, pp 13 - 51 (résumé in English)

ABSTRACT: Errors, with a 24-hour period exist in the Pulkovo observations with a large transit telescope, a transit telescope in the first vertical and a zenith telescope, as well as in observations with the Poltava zenith telescope, the Tashkent time service transit telescope and others. The presence of daily waves leads to the erroneous calculations, from these observations, of the constant of annual aberration. Kurvoisier's hypothesis on cosmic or yearly refraction cannot explain the origin of the daily wave. The analysis of the possible sources of its appearance allows a conclusion to be drawn that the most likely cause of the 24-hourly wave is the systematic catalogue error of the $\Delta\alpha$ form, the in-

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The Systematic Errors With a 24-Hour Period During Observations With Photoelectric Transit Instruments

accuracy of the accepted value of the aberration constant, the change in the azimuth of the transit telescope, and also the effect of temperature on astronomical instruments and local refractional anomaly. Such reasons as the systematic change in the slant of the air layers of the same density, in connection with the daily change of temperature, pressure and humidity, the daily oscillation of the vertical slit, and the daily motion of the rotation axis of the earth in relation to the main axis of inertia; cannot give rise to substantial waves with a 24-hour period. The author has carried out the processing of a series of observations, 1948 - 1950, made with the Bamberg photoelectric transit telescope of the GAO time service in the LGU observatory. The corrections of clocks were grouped into time means, according to zones symmetrical with reference to the true local midnight, after which the averages were calculated for the whole 3-year cycle of correction differences of the type $u_{12}^{h}-u_{i}$ where i = 9, 10, 11 hours; and differences of the type $u_{i}-u_{12}^{h}$ where i = 13, 14, 15 hours. The analysis of the obtained differences showed their distinct course. Apparently, the reasons for these differences, are the local and refractional anomalies, and the thermic deflections. The obtained material has also served for determining the aberration constant. The

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The Systematic Errors With a 24-Hour Period During Observations With Photoelectric Transit Instruments

result was k = 20".484± 0".021, obtained from observations in the system of the photoelectrical catalogue, dealing solely with zenith stars ($+40^\circ \leq \delta \leq +70^\circ$). The inclusion of other stars gave the unreal value of k which is explained mainly by the influence of the unallowed for errors of the azimuth. The analysis of the observations carried out by the author has confirmed the inadequacy of the hypothesis on cosmic refraction. The calculation of the daily term has led to results rather differing from one another, showing that the daily term is the result of the influence of a whole complex of reasons, dependent on local instrument, as well as of a general character. The obtained daily term was found to be similar to that of the large Pulkovo transit telescope, however, its phase was different from that of the daily term of the zenith telescope, and it has little in common with the daily term of the Pulkovo transit telescope in the first vertical. Bibl. 52 titles.

D.D. Polozhentsev

S/035/62/000/006/005/064
A001/A101

AUTHOR: Staritsyn, G. V.

TITLE: Catalog of right ascensions of 208 stars according to observations with the Bamberg photoelectrical transit instrument No. 6353 during 1949-1955

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 6, 1962, 15, abstract 6A129 ("Izv. Gl. astron. observ. v Pulkove", 1961, v. 22, no. 1, 25-37, English summary)

TEXT: Observations carried out by the time service of the Main Astronomical Observatory, AS USSR, at the Leningrad University Observatory (1949 - 1954) and at Pulkovo (1954 - 1955) are described. 221 evenings of observations were used to determine corrections to right ascensions of the FK3 catalog; 3,189 observations of stars in the declination zone from -10° to $+78^{\circ}$ were made. To obtain more uniform material, all observations were processed anew. Cyclic adjustment was conducted by the simplified Kon method, without the diurnal term taken into account and with the condition imposed: $\sum \Delta \alpha_i = 0$. In view of the fact that zenith zone stars of the initial catalog have big errors in right

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Catalog of right ascensions ...

ascensions, and azimuth was determined from the totality of equatorial and zenith stars, four approximations were made. The mean error of one observation of a zenith star, not reduced to the equator, turned out to be $\pm 0^s.018$. Comparison tables of the catalog obtained, P3' (F3'), with other catalogs are presented. An essential devergence of the F3' catalog with catalogs F2 and Pu α_1 in the most certain determined near-zenith zone leads to questioning the reliability of the cyclic adjustment method. Therefore, adjustment was performed using the N. N. Pavlov chain method and a new catalog, F3, was obtained. Comparison tables of the F3 catalog with other catalogs are presented. In the equatorial and zenith zones the F3 catalog is close to the system of the Pu α_1 catalog in respect to errors $\Delta\alpha'_0$. In respect to errors $\Delta\delta_{\alpha_0}$, the F3 catalog is very close to the F2 catalog and agrees well with the catalogs Puα_0 and F6'. In the declination zone from +50 to $+70^\circ$ the F3 catalog is absolute in respect to $\Delta\alpha_{\alpha_0}$. A comparison of catalogs F3 and FK3 in respect to errors $\Delta\alpha_m$ has shown that the new catalog agrees well with the other modern catalogs. Tables of random errors of catalog positions in various catalogs are presented. Random errors of the F3 catalog amount, on the average, to $\pm 0^s.006$, for catalogs Ник 30 (Nik 30) and

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W250 they are markedly larger, for the Pu 1 catalog they are somewhat less. It is noted that the free chain method of adjustment can be recommended for catalog works.

V. Naumov

[Abstracter's note: Complete translation]

S/026/62/000/005/010/010
D036/D113

AUTHORS: Pavlov, N.N., and Staritsyn, G.V.

TITLE: Change in the Earth's speed of rotation about its axis

PERIODICAL: Priroda, no. 5, 1962, 120-121

TEXT: In Professor N.N. Pariyskiy's opinion, the seasonal annual variation in the Earth's speed of rotation about its axis is most likely caused by seasonal atmospheric circulation, in particular by the winter maximum and summer minimum of atmospheric pressure over Eurasia. It is thus considered that the advance by about 1 month of this variation in 1959 was due to the early spring in this region, in particular to the early thaw of snow, which would alter conditions for the arrival of solar radiation on the Earth's surface and thus affect the weather. Temperature readings are given showing that spring did indeed arrive earlier in 1959 in Europe and Northern Asia. It is considered that the prism astrolabe in Paris showed a large change in the Earth's speed of rotation about its axis in July 1959 because of local refraction due to the variation in atmospheric circulation. This

Card 1/2

Change in the Earth's speed ...

theory is supported by the fact that the time determination systems of various observatories were different in 1959 from those in 1958; the observation system of the Paris Observatory had a clearly defined maximum in July 1959. There is 1 table.

ASSOCIATION: Glavnaya astronomicheskaya observatoriya AN SSSR (Pulkovo)
(Main Astronomical Observatory of the AS USSR [Pulkovo])

Card 2/2

PAVLOV, N.N.; STARITSYN, G.V.

Variation of the rate of the earth's axial rotation during the International Geophysical Year and International Geophysical Cooperation. Astron.zhur. 39 no.1:123-134 Ja-F '62.
(MIRA 15:2)

1. Glavnaya astronomicheskaya observatoriya AN SSSR.
(International geophysical year, 1957-1958)
(Earth--Rotation)

STARITSYNA, G. N.: Master Geolog-Mineralog Sci (diss) -- "The petrology of the Fedorov tundra (Central portion of the Kola peninsula)". Leningrad, 1958. 23 pp (Leningrad State Order of Lenin U im A. A. Zhdanov), 200 copies (KL, No 10, 1959, 124)

STARITSIN, S. E.

PA 1T45

USSR/Medicine - Physiology
Sulphozin-Therapy

Mar 1947

"Concerning the State of the Haemato-Encephalic Barrier in Sulphozin Therapy," S E Staritsin, 3 pp

"Byul Eksper Biol I Med," Vol XXIII, No 3

These investigations show that in sulphozin therapy the protective function of the haematoencephalic barrier varies with the raising of its permeability for agglutinins and certain inorganic substances (iodine).

1T45

STARITSYN, S. Ye.

6973. STARITSYN, S. Ye. Alkogolizm i bor'ba s nim. (Kratkiy nauch. -popul. o check). Krasnoyarsk, Kn. rd., 1954. 24 s. 20sm. 10.000ekz. 60 k. —[55-3065]p

613.81+392

Knizhnaya Letopis' No. 6, 1955

STARITSYN, S.Ye. (Krasnoyarsk)

Case of hypergenitalism in a four-year-old boy [with summary in English, p.126] Probl.endok. i gorm. 3 no.4:119-121 Jl-Ag '57. (MIRA 10:12)

(PUBERTY, PRECOCIOUS, case reports, in 4-year-old boy (Rus))

S/070/63/008/002/017/017
E039/E435

AUTHORS: Yamzin, I.I., Kuz'minov, Yu.S., Staritsyn, V.Ye., Mal'tsev, Ye.I.

TITLE: A neutron diffractometer

PERIODICAL: Kristallographiya, v.8, no.2, 1963, 302-304

TEXT: This instrument differs from the earlier miniature diffractometer made at the Institute of Crystallography in that it is universal and intended for the investigation of poly and single crystals. The mechanical loading requirement in the design is stringent, e.g. the axial load on the sample stage is about 2 tons. A fairly detailed description of the apparatus is given. Its main dimensions are: length of baseplate 2800 mm, width 1050 mm, height 550 mm, distance from center of sample stage to the end of the cantilever 2000 mm, distance from the center of the stage to the end of the counterweight 650 mm. Overall weight without the electromagnet is about 3 tons. The base is of cast iron with parallel ways for the displacement of the carriage. The latter is moved by means of a worm drive. Ball bearings are used throughout to facilitate operation and ensure long service. All

Card 1/3

A neutron diffractometer

S/070/63/008/002/017/017
E039/E435

control is remote except for the reversal of the drive and displacement of the carriage. It has been used with the BBP-M (VVR-M) reactor at the Physico-technical Institute. A collimated beam of neutrons is incident on a monochromator consisting of a single crystal plate of lead cut at an angle of 6° to the (111) plane; dimensions 100 x 175 x 10 mm, before entering the diffractometer. The whole of the neutron beam from the channel to the sample is contained in a borated-paraffin shield with lead bricks outside. The shield thickness is about 1 m. A CHMO-5 (SNMO-5) counter placed in a cylindrical channel in borated-paraffin is used as a neutron detector on the carriage of the diffractometer. It is used in conjunction with a monitoring counter to correct for fluctuations in the intensity of the primary beam. The resolution $\Delta\lambda/\lambda = 0.035$ for $\lambda = 1.13$ Å. Results obtained from a polycrystalline sample of yttrium ferrite are given. The sample size is diameter 20 mm and length 100 mm. There are 2 figures.

ASSOCIATIONS: Institut kristallografii AN SSSR (Institute of Crystallography AS USSR) Fiziko-tekhnicheskiy

Card 2/3

A neutron diffractometer

S/070/63/008/002/017/017
E039/E435

institut AN SSSR (Physico-technical Institute AS USSR)

SUBMITTED: October 1, 1962

Card 3/3

S/070/62/007/001/006/022
E132/E460

AUTHORS: Yamzin, I.I., Staritsyn, V.Ye., Nozik, Yu.Z,

TITLE: A small-scale neutron diffractometer

PERIODICAL: Kristallografiya, v.7, no.1, 1962, 72-76

TEXT: The mechanical and electrical construction of a small diffractometer (consisting of a table for the crystal specimen and a swinging arm for the counter) is described. It follows the traditional Bragg spectrometer design, the counter arm moving only in the equatorial plane. The two rotations necessary are provided by selsyn motors connected to the work drives through magnetic clutches. A timer controls the rate of rotation. The instrument was tested under typical conditions which were: polycrystalline specimen of Be_2SiO_4, 10 mm in diameter and 30 mm high; enriched BF_3 counter, followed by cathode follower, pulse amplifier and discriminator, counter, integrator and pen recorder forming one channel and a second channel monitoring the primary beam after the Pb monochromator. The primary beam was formed by Cd Soller slits giving a divergence of 20'; the Pb monochromating crystal had a mosaic spread of 20' and was cut at an angle of 6° to the

(111) plane there was a further Cd Soller slit collimator in front of the counter, 100 mm long with an acceptance angle of 20'. The record of the powder trace shows a line half-width of about 20' at $\theta = 15°$. The device was constructed by Laboratoriya struktury kristallov (Laboratory of Crystals Structure) and the konstruktorskiy byuro (Planning office) of the Institute of Crystallography AS USSR. There are 4 figures.

ASSOCIATION: Institut kristallografii AN SSSR
(Institute of Crystallography AS USSR)

SUBMITTED: March 11, 1961

YAMZIN, I.I.; KUZ'MINOV, Yu.S.; STARITSYN, V.Ye.; MAL'TSEV, Ye.I.

Neutron diffractometer. Kristallografiia 8 no.2:302-304 Mr-Ap '63. (MIRA 17:8)

1. Institut kristallografii AN SSSR i Fiziko-tekhnicheskiy institut AN SSSR.

STARITSYNA, G.N.

Genesis of gabbro-pegmatites in the Fedorova Tundra. Izv. Kar. i Kol'. fil. AN SSSR no.2:23-39 '58. (MIRA 11:9)

1.Geologicheskiy institut Kol'skogo filiala AN SSSR.
(Fedorova Tundra--Pegmatites)

STARITSYNA, G.N.

Massif of basic and ultrabasic rocks in the Fedorov Tundra.
Vop. geol. i min. Kol'. poluos. no.3:50-90 '60. (MIRA 13:9)
(Kola Peninsula--Rocks, Igneous)

VLASOV, A.M.; KAVARDIN, G.I.; KRAVTSOVA, L.I.; STARITSYNA, G.N.

Petrology of trap intrusions. Zap. Vses. min. ob-va 92 no.6: 674-683 '63. (MIRA 18:3)

1. Nauchno-issledovatel'skiy institut geologii Arktiki, Leningrad.

VILENSKIY, A.M.; KAVARDIN, G.I.; KRAVTSOVA, L.I.; STARITSYNA, G.N.

Recent data on ore-bearing trap intrusions of the Siberian Platform. Dokl. AN SSSR 148 no.1:183-186 Ja '63. (MIRA 16:2)

1. Nauchno-issledovatel'skiy institut geologii Arktiki. Predstavleno akademikom D.S. Korzhinskim.
(Siberian Platform--Ore deposits)

STARITSYNA, Ye. S.

Dilantin therapy of epilepsy. Nevropat. psikhiat., Moskva 19 no.5:52-53 Sept-Oct 1950. (CIML 20:1)

1. Of Krasnoyarsk Municipal Psychiatric Dispensary.

L 60319-65 EPF(c)/EPF(n)-2/EWT(m)/EWG(m) Pr-4/Ps-4/Pu-4 WW
ACCESSION NR: AP5019114 UR/0286/65/000/012/0146/0146
621.039

AUTHOR: Koz'menkov, K. F.; Briskman, B. A.; Stariznyy, Ye. S.

TITLE: Method for detecting leakage in fuel element jackets. Class 90, No. 172259

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 12, 1965, 146

TOPIC TAGS: nuclear reactor, reactor fuel element

ABSTRACT: This method, intended for reactors with a free water surface above the core, is based on the measurement of radioactivity of the water in the primary loop. In order to prevent fission products from the fuel element from entering the main loop, the water flowing through the element is shut off by means of a cap mounted on its upper face. Orig. art. has: 1 figure. [BP]

ASSOCIATION: none

SUBMITTED: 21Jan64 ENCL: 00 SUB CODE: NP

NO REF SOV: 000 OTHER: 000 ATD PRESS: 4060

Card 1/1 bjp

STARK, E.; NIKODEMUSZ, K.; KESZTYUS, L.

Effect of follicular Hormone on diastase activation in vitro. Kiserletes orvostud. 3 no.6:452-454 1951. (CIML 21:4)

1. Institute of Physiology and Pathology, Debrecen Medical University.

STARK, Emil dr.

BCG vaccination of the newborn in one administrative district.
Gyermekgyogyaszat 5 no.5:144-146 May 54.

1. A jaszberenyi Jarasi Korhaz (igazgato-foorvos: Kardos Zoltan dr.) kozlemenye. Az Orvos Egeszsegugyi Szakszervezet Tudogyogyasz Szakcsoportjanak 1953 november 12-en megtartott Nagygyulesen elhangzott eloadas nyoman.
(BCG VACCINATION,
of newborn in Hungary)

STARK, Emil, dr.

The problem of premature birth in county hospitals. Gyermekgyogyaszat 6 no.8:249-256 Aug 55.

1. A Jaszberenyi Jarasi Korhaz (igazgato-foorvos: Kardos Zoltan dr) kozlemenye

(INFANT, PREMATURE
care in county hospitals, admin. problems, mortality)
(HOSPITAL ADMINISTRATION
premature infant care, admin.)

STARK, E.

STARK, E.; NIKODEMUSZ, C.

Effects of estrogens on the glycogen content of the liver. Wien Zschr. Vitamin &c Forsch. 4 no.3:221 Aug 51. (CLML 22:3)

1. Of the Institute of Physiology and Pathophysiology (Directors—Prof.S.Went,M.D. and Prof.L.Kesztyus,M.D.) of Debrecen University.

SURANYI, S.;ANDRASSY, E.;STARK, E.

The effect of sex hormones on the blood sugar level in man. Orv. hetil. 94 no.21:571-573 24 May 1953. (CIML 25:1)

1. Doctors. 2. Women's Clinic (Director -- Prof. Dr. Sandor Arvay) and Institute of Physiology and Pathophysiology (Directors -- Prof. Dr. Istvan Went and Prof. Dr. Lorand Kesztyus).

STARK E. dr

SOLTI, Ferenc, dr.; STARK, Ervin, dr.; HEDRI, Endre, dr.

ECT changes in neurotic patients. Orv. hetil. 95 no.39:1071-1074 26 Sept 54.

1. A Budapesti Orvostudomanyi Egyetem I. sz. Belklinikajanak (igazgato: Rusznyak Istvan egyet. tanar, akademikus) es Ideg-Elme Klinikajanak (igazgato: Nyiro Gyula dr. egyet. tanar) kozlemenye

(NEUROSES, manifest.
ECG)
(ELECTROCARDIOGRAPHY, in various dis.
neuroses)

STARK, E.

EXCERPTA MEDICA Sec.2 Vol.9/11 Physiology,etc. Nov56

5133. STARK E., SOLTI F. and GABOR G. I. Med. Klin., Med. Univ., Budapest. *Auf Signalisieren eines elektrischen Schlages eintretende EKG-Veränderungen am Hund. ECG changes in the dog on 'signalling' of electric shock ACTA PHYSIOL. ACAD. SCIENT. HUNG. (Budapest) 1956, 9/suppl. (39-40)

In a study of ECG changes due to central nervous influences, dogs were placed in a cage having electrodes built into the floor and connected to a circuit. After receiving shocks, the animals gradually learned to avoid the shining electrodes and assumed a compulsive attitude. After this adaptation (defensive reaction) to the conditions, the current was turned off and ECGs were registered continuously. These showed changes which also persisted after the animals had been taken out of the cage. The changes were seen in the P-wave, in the T-wave (flattened positive to negative) and the ST-segment (depression) and in a change of the electrical axis of the heart without change in the animal's posture, in addition to arrhythmias, atrial and ventricular extra-systoles, atrial fibrillation, lengthening of the P-Q interval and total A-V block. After a few weeks outside the cage the ECG gradually returned to normal.

Polzer - Vienna

STARK, Ervin, az orvostudomanyok kandidatusa; LEMPERT, Karoly; VAGI, Oszkarne

Isolation of benzoic acid from the urine of patients suffering from hyperfunction of the pituitary and adrenal cortex. Magy. Tudom. Akad. Biol. Orv. Oszt. Kozl. 8 no.4:415-416 1957.

1. Az MTA Kiserleti Orvostudomanyi Kutato Intezet Korelettani Osztalya es a Budapesti Orvostudomanyi Egyetem I. sz. Belklinikaja.

(CUSHING SYNDROME, urine in
benzoic acid isolation (Hun))
(ADRENAL CORTEX, dis.
hyperfunct., isolation of benzoic acid from urine (Hun))
(BENZOATES, in urine
in adrenal cortex hyperfunct. & Cushing synd., isolation of benzoic acid (Hun))

STARK, E.

ERVIN STARK ; SOLTI FERENC. ; GABOR GYORGY

Electrocardiographic responses to electric shocks in dogs. Magy. belorv. arch. 10 no.2-3:78-82 Apr-June 57.

1. A Budapesti Orvostudomanyi Egyetem I. sz Belklinikajanak (igazgato: Rusznyak Istvan dr. egyetemi tonar) es III. sz Belklinikajanak (igazgato: Gomori Pal dr egyetemi tandr) kozlemenye.

(ELECTRICITY, eff.
electric shocks, on ECG in dogs (Hun))
(ELECTROCARDIOGRAPHY, exper.
eff. of electric shocks in dogs (Hun))

STARK, E.

Contributions to the physiology of the adrenal cortex. I. The influence of the higher nervous activities on the adrenal cortical function. Acta physiol. hung. 12 no.1-3:105-117 1957.

1. 1st Department of Medicine, Medical University, Budapest.
(CENTRAL NERVOUS SYSTEM, physiol.
increased adrenal cortex hormone excretion induced by electroshock & signal of electroshock in dogs.)
(ADRENAL CORTEX HORMONES, physiol.
increased excretion induced by electroshock & signal of electroshock in dogs.)

STARK, E.

STARK, E.

Contributions to the physiology of the adrenal cortex. II. Studies on the blood constants and corticoid excretion of adrenalectomized dogs. Acta physiol. hung. 12 no.1-3:119-124 1957.

1. Department of Pathophysiology, Institute of Experimental Medicine, Hungarian Academy of Sciences.

(ADRENAL CORTEX HORMONES, physiol.
eff. of exper. stress on excretion & blood composition in adrenalectomized dogs.)

(STRESS, eff.
on adrenal cortex hormone excretion & blood composition in adrenalectomized dogs.)

(BLOOD
eff. of exper. stress on composition in adrenalectomized dogs.)

STARK, E.

PAPP, M.; STARK, E.

Changes of lymph flow in experimental sodium loss. Acta physiol. hung. 12 no.1-3:145-151 1957.

1. Institute for Experimental Medicine of the Hungarian Academy of Sciences, Department of Pathophysiology.

(LYMPH
flow decrease in exper. reduction of sodium content of extracellular space.)

(SODIUM
in extracellular space, decrease in lymph flow after exper. reduction of content.)

942. ISOLATION OF FREE BENZOIC ACID FROM THE URINE OF PATIENTS WITH PITUITARY-ADRENAL HYPERFUNCTIONS - Isolierung von freier Benzoesäure aus dem Harn von an Hypophysen-Nebennierenrinden-Hyperfunktion leidenden Kranken - Stark E., Lempert K. and Vági K. Inst. für Exp. Med., Ungarische Akad. der Wissensch., Abt. für Pathophysiol. und 1. Med. Univ.-Klin., Budapest - NATURWISSENSCHAFTEN 1957, 44/20 (539-540)

During an investigation concerning the excretion of corticosteroids a white substance crystallized out in the chloroform extract of the urine. The substance was identified as benzoic acid. In trials with urines from 25 healthy persons and persons not suffering from pituitary and adrenal disorders, benzoic acid could be detected in only 3 cases (hyperthyroidism, diabetes mellitus and pregnancy nephritis). On the other hand, in a group of 13 patients with Cushing's syndrome, benzoic acid was repeatedly detected in 12 cases. Liver and kidney functions in these persons were normal. Heyrovský - Prague (II, 3, 6)

HOLLO, Istvan, dr.; STARK, Ervin, dr.; VAGI, Oszkarne, dr.

Effect of iodine on adrenal cortex function. Orv. hetil. 98 no.12:304 24 Mar 57.

1. A Budapesti Orvostudomanyi Egyetem I. sz. Belklinikajanak es a MTA Koki Korelettani Osztalyanak (igazgato: Rusznyak, Istvan dr. egyet. tanar, akademikus) kozlemenye.
(ADRENAL CORTEX, eff. of drugs on
iodine, on funct. in men & dogs (Hun))
(IODINE, eff.
on adrenal cortex funct. in men & dogs (Hun))

PAPP, Miklos, (az orvostudomanyok kandidatusa); STARK, Evin, (az orvostudomanyok kandidatusa)

Changes in lymph flow in experimental sodium loss. Magy. Tudom. Akad. Orv. Oszt. Kozl. 9 no.1:93-98 1958.

1. Az M. T. A. Kiserletes Orvostudomanyi Kutato Intezet Korelettani Osztalya.

(LYMPH
flow, proportional decrease in decrease of sodium content of extracellular space in exper. animals (Hun))

(SODIUM
in extracellular space, decrease in content followed by proportional decrease of lymph flow in exper. animals (Hun))

FOLDI, Mihaly, dr.; STARK, Ervin, dr.; REV, Judit, dr.; MIHALY, Katalin, dr.; HERMANN, Robert, dr.; REFI, Zoltan, dr.

Spontaneous excretion of benzoic acid in renal patients. Magy. belorv.arch. 12 no.6:164-168 D '59.

1. A Magyar Tudomanyos Akademia Kiserleti Orvostudomanyi Kutato Intezete es a Budapesti Orvostudomanyi Egyetem I. sz. Belklinikaja (igazgato: Dr. Rusznyak Istvan egyetemi tanar) kozlemenye.
(KIDNEY DISEASES urine)
(BENZOATES urine)

EXCERPTA MEDICA Sec 2 Vol 12/9 Physiology Sept 59

3990. QUANTITATIVE DETERMINATION AND STUDIES OF THE EXCRETION OF FREE BENZOIC ACID, IN MAN AND ANIMAL, UNDER NORMAL AND PATHOLOGICAL CONDITIONS - Stark E. - ACTA MED. ACAD. SCI. HUNG. 1959, 13/1-4 (267-275) Tables 8 Illus. 1

It has been shown that, whereas normal human subjects do not excrete free benzoic acid, in cases of pituitary-adrenal hyperfunction the 24-hour excretion of free benzoic acid may be as high as 300 to 400 mg. Experiments on dogs indicated that in the doses and under the experimental conditions employed, ACTH does not cause free benzoic acid excretion.

FOLDI, M.; STARK, E.; REV, J.; MIHALY, K.; HERMAN, R.; REFI, Z.

Spontaneous benzoic acid excretion in kidney diseases. Acta med.hung. 14 no.3:303-311 '59.

1. Forschungsinstitut fur Experimentelle Medizin der Ungarischen Akademie der Wissenschaften und I. Medizinische Universitatsklinik, Budapest.

(BENZOATES urine)
(KIDNEY DISEASES urine)

STARK,E.; SOLTI,F.; PAPP,M.

Studies on the mechanism of spontaneous fluctuations of EKG in the dog. Acta med. hun. 14 no.4:345-352 '59.

1. Forschungsinstitut fur Experimentelle Medizin der Ungarischen Akademie der Wissenschaften, Abteilung fur Pathophysiologie, Budapest.
(ELECTROCARDIOGRAPHY)

STARK, ERVIN, DR.; HOLLAN ZSUZSA, DR.

Role of the adrenal cortex in the development of anemias and trophic disturbances following nerve resection; preliminary report. Orv. hetil. 100 no.1:23 4 Jan 59.

1. A Magyar Tudomanyos Akademia Kiserleti Orvostudomanyi Kutato Intezet Korelettani Osztalyanak (igazgato: Rusznyak Istvan dr. Akademikus) kozlemenye.

(ADRENALECTOMY, eff.
on develop. of anemia & nutritional disord. in rats following resection of femoral & sciatic nerves (Hun))
(ANEMIA, exper.
induction by resection of femoral & sciatic nerves in rats, eff. of adrenalectomy on develop. (Hun))
(NUTRITIONAL DISORDERS, exper.
same)
(NERVES, FEMORAL, physiol.
resection inducing anemia & nutritional disord. in rats, eff. of adrenalectomy on develop. (Hun))
(NERVES, SCIATIC, physiol.
same)

ROSZNYAK, Istvan, akademikus; HOLLAN, Zsuzsa, az orvostudomanyok kandidatusa; STARK, Ervin, az orvostudomanyok kandidatusa; FOLDI, Mihaly, az orvostudomanyok doktora

The role of the hypophysis-adrenal gland cortex system in the development of trophic troubles. Biol orv kozl MTA 11 no.2/3:177-193 '60. (EEAI 10:5)

1. Magyar Tudomanyos Akademia Kiserleti Orvostudomanyi Kutato Intezet Korelettani Osztaly. 2. Magyar Tudomanyos Akademia (for Rusznyak)

(PITUITARY BODY)
(ADRENAL GLANDS)
(ANEMIA)

RUSZNYAK, I.; STARK, E.; HOLLAN, S.R.; FOLDI, M.

The effect of the pituitary - adrenocortical system on the trophic and haematologic changes following nerve resection. Acta med.hung. 16 no.4:437-443 '60.

1. Department of Pathophysiology, Institute of Experimental Medical Research (Director: I.Rusznyak), Hungarian Academy of Sciences, Budapest.

(VITAMIN P pharmacol)
(ADRENAL CORTEX pharmacol)

RUSZNYAK, I.; HOLLAN, S.R.; STARK, E.; FOLDI, M.

The effect of the pituitary - adrenocortical system on the trophic and haematologic changes following nerve resection. Acta med.hung. 16 no.4:429-436 '60.

1. Department of Pathophysiology, Institute of Experimental Medical Research (Director: I. Rusznyak), Hungarian Academy of Sciences, Budapest.

(HYPOPHYSECTOMY exper)
(ADRENALECTOMY exper)
(SCIATIC NERVE physiol)
(FEMORAL NERVE physiol)

RUSZNYAK, Istvan, akademikus; STARK, Ervin az orvostudomanyok kandidatusa; FOLDI, Mihaly, az orvostudomanyok doktora; BUKI, Bela; JUVANCZ Ireneusz, dr.; FISCHER, Janos, matematikus

Investigations in determining the effect of rutin and ascorbic acid on the capillary resistance in rats. Biol orv kozl MTA 13 no.1-2:1-10 '62.

1. Magyar Tudomanyos Akademia Kiserleti Orvostudomanyi Kutato Intezete (for Rusznyak, Stark, Foldi, and Buki). 2. Magyar Tudomanyos Akademia Alkalmazott Matematikai Intezete Biometriai Csoportja vezetoje (for Juvancz).

STARK, E.; ZADORY, E.; LAPIS, K.

The role of the adrenal cortical hormones in x-ray-induced liver changes. Acta med. acad. sci. Hung. 18 no.1:127-130 '62.

1. Institute of Experimental Medical Research, Hungarian Academy of Sciences, Department of Pathophysiology, Budapest and I Department of Medicine, Medical University, Budapest.

(ADRENAL CORTEX HORMONES pharmacol)
(LIVER radiation eff)
(RADIATION INJURY exper)

FACHET, J.; STARK, E.; VALLENT, K.; PALKOVITS, M.

Some observations on the functional interrelationship between the thymus and the adrenal cortex. Acta med. acad. sci. hung. 18 no.4: 461-466 '62.

1. Department of Pathophysiology, Research Institute of Experimental Medicine, Hungarian Academy of Sciences (Director: I. Rusznyak), and 1st Department of Surgery (Director: E. Hedri), University Medical School, Budapest.
(THYMUS GLAND) (ADRENAL CORTEX) (ALDOSTERONE)
(CORTICOSTERONE) (FORMALDEHYDE)